

Fig. 1

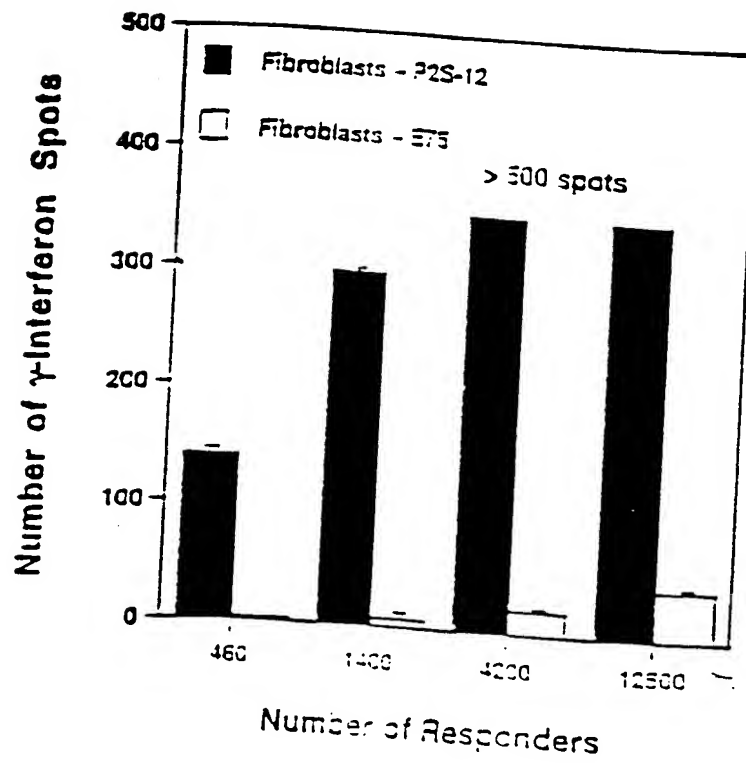


Fig. 2A

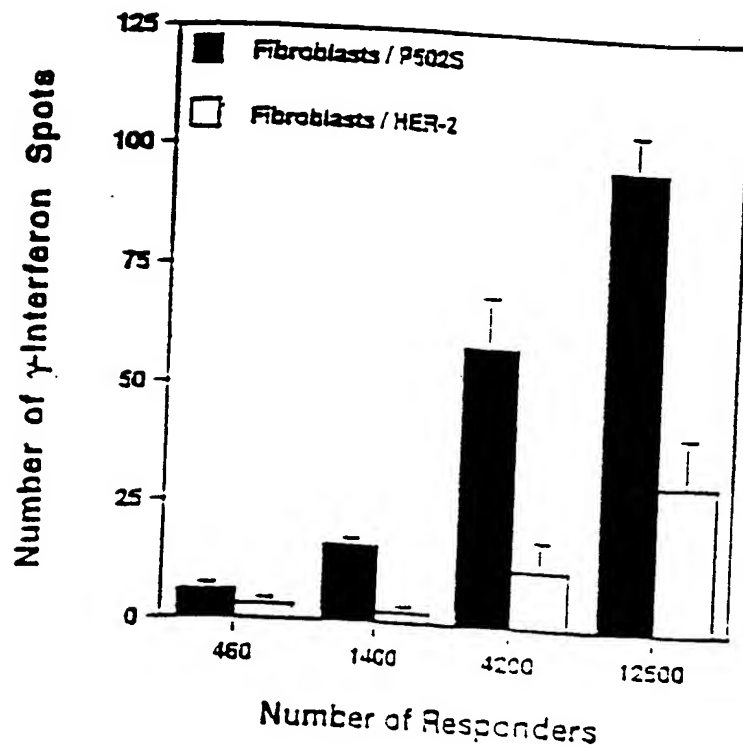


Fig. 2B

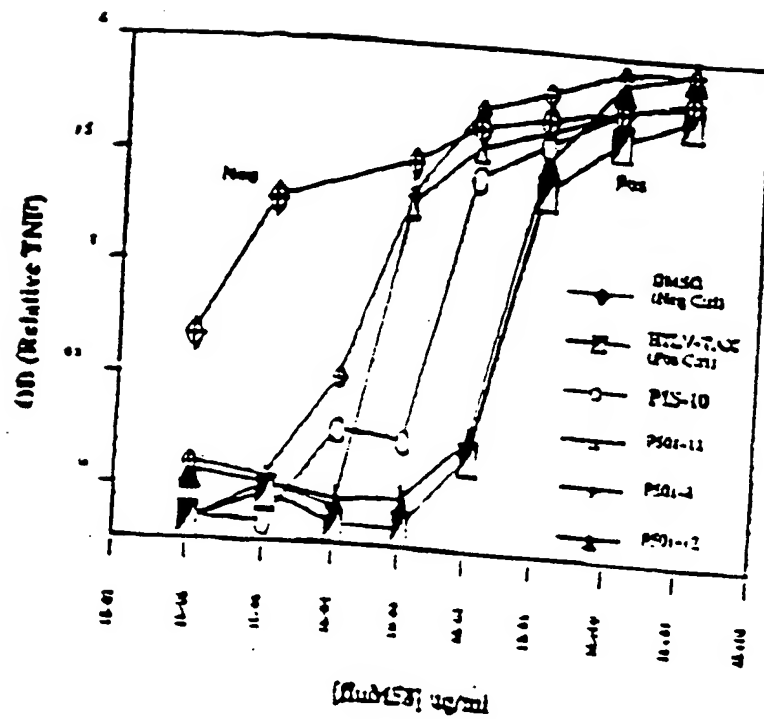


Fig. 3

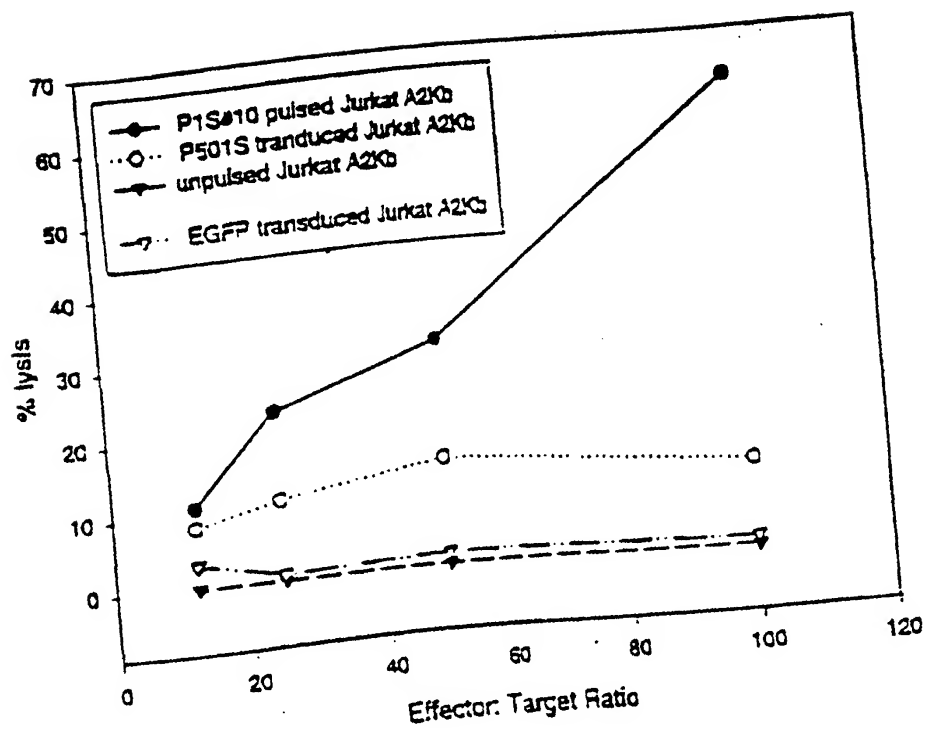


Fig. 4

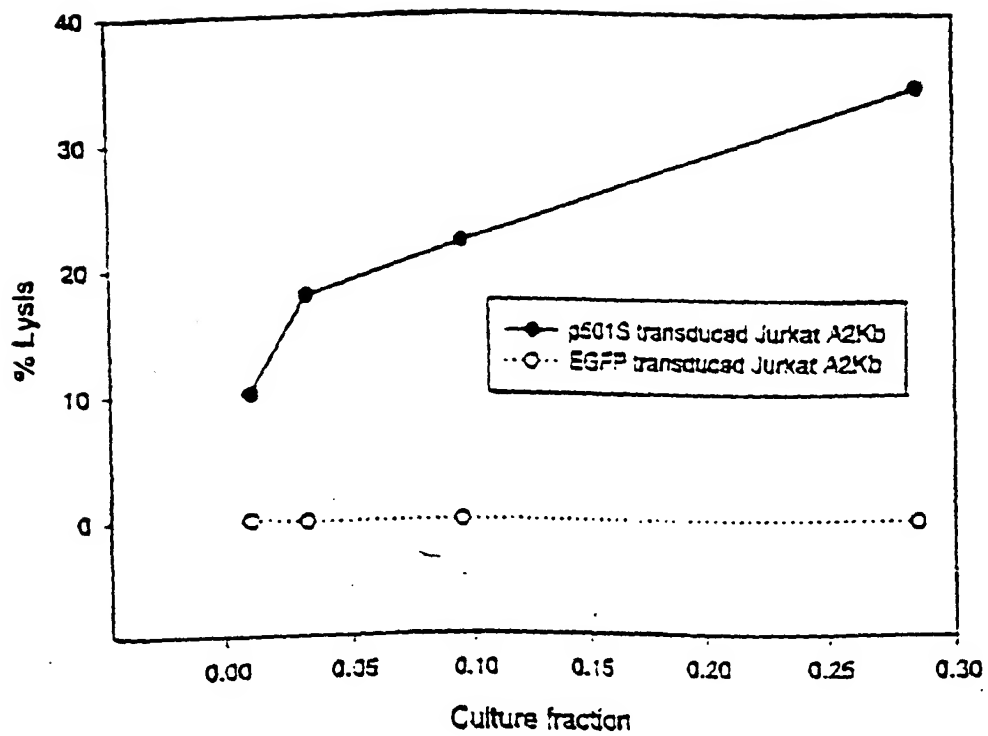


Fig. 5

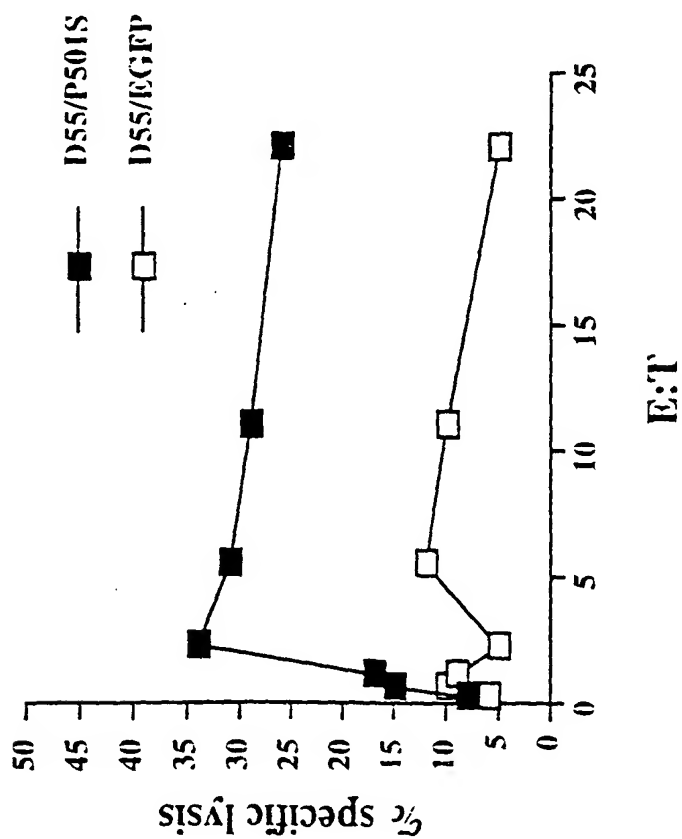


Fig. 6A

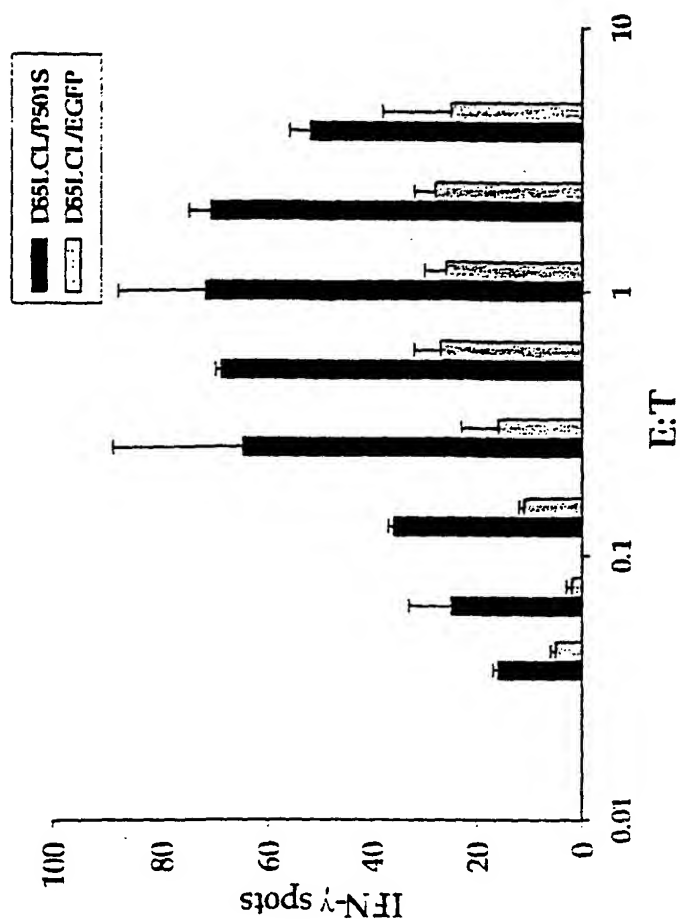
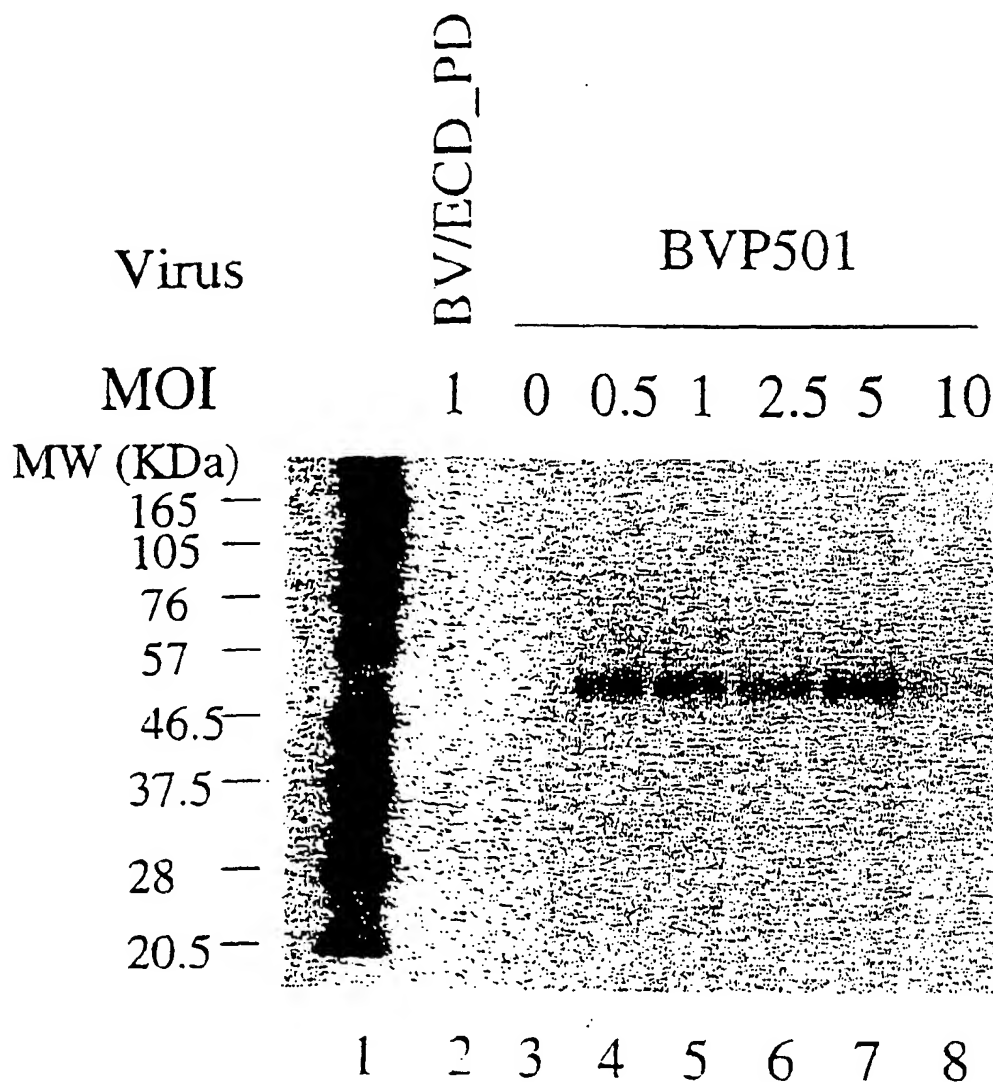


Fig. 6B

Expression of P501S by the Baculovirus Expression System



0.6 million high 5 cells in 6-well plate were infected with an unrelated control virus BV/ECD_PD (lane 2), without virus (lane 3), or with recombinant baculovirus for P501 at different MOIs (lane 4 - 8). Cell lysates were run on SDS-PAGE under the reducing conditions and analyzed by Western blot with a monoclonal antibody against P501S (P501S-10E3-G4D3). Lane 1 is the biotinylated protein molecular weight marker (BioLabs).

Fig. 7

7 Figure 1. Schematic of P501S with predicted transmembrane, cytoplasmic, and extracellular regions

MYQRIWVSRLLRHRK AQLLLVNLTLTGLEVCLAAAGIT YVPPI.LL.EVGVEEKFM TMVLGIGPVLGLVCVPLLLGSAS
DHWGRGYGRRRP FIWALSGLLSLFLIPRAGWL AGLI.CPDRPRI.E LAI.II.GVGLI.DFCGOVCFTPL
FALLSDLFRDPDHCRO AYSVYAFMISLGGCLGYLIIPAI DWIVISALAPYVLGTQEE
CLFGILLTLFELTCVAATLV AFEAAIGPTEPAEGISAPSI.SPHICCPCARLARLAFRNLGALLPRL
HQLCCRMPTRIIR LEVAELCSWMALMTIFLFYTDF VGEGLYQGVPRAPGCTEARRHYDEGVR
MGSLGLFLOCAISLVESLVM DRLVQRFQTRAVVLAS VAAFPVAAAGATCLSHSVAVVTA SAA
LTGFTFSALOILPYTLASLY HREKQVFLPKYRGDTGGASSEDLSMTSFLPGPKPGAPFPNGHIVGAGGSGL
LPPPPALCGASACDVSRVVVGEPTEARVVPGRG ICLDLAFLDSAFLLSQVAPSLF MGSIVQLSQS
VTAYMVSAAGLGLVAIFYAT QVVFDKSDLAKYSA

Underlined sequence: Predicted transmembrane domain; **Bold sequence:** Predicted extracellular domain;

Italic sequence: Predicted intracellular domain. Sequence in bold/underlined: used to generate polyclonal rabbit serum

Localization of domains predicted using HMMTOP (G.E. Tusnady and I. Simon (1998) Principles
 Governing Amino Acid Composition of Integral Membrane Proteins: Applications to topology Prediction. J. Mol Biol. 283,
 489-506.

Genomic Map of (5) Corixa Candidate Genes

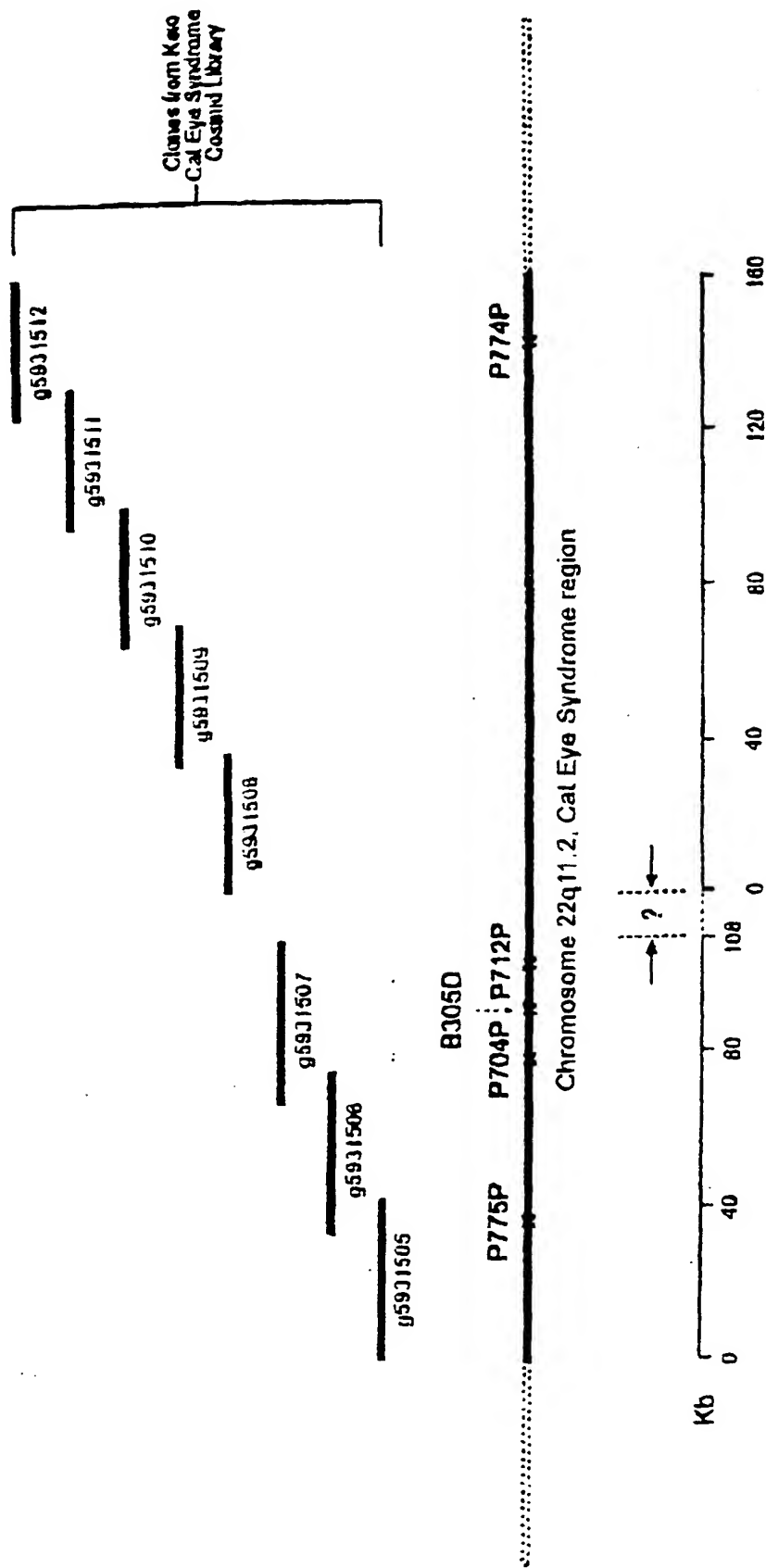


Fig. 10

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FIGURE 4. Elisa assay of rabbit polyclonal antibody specificity

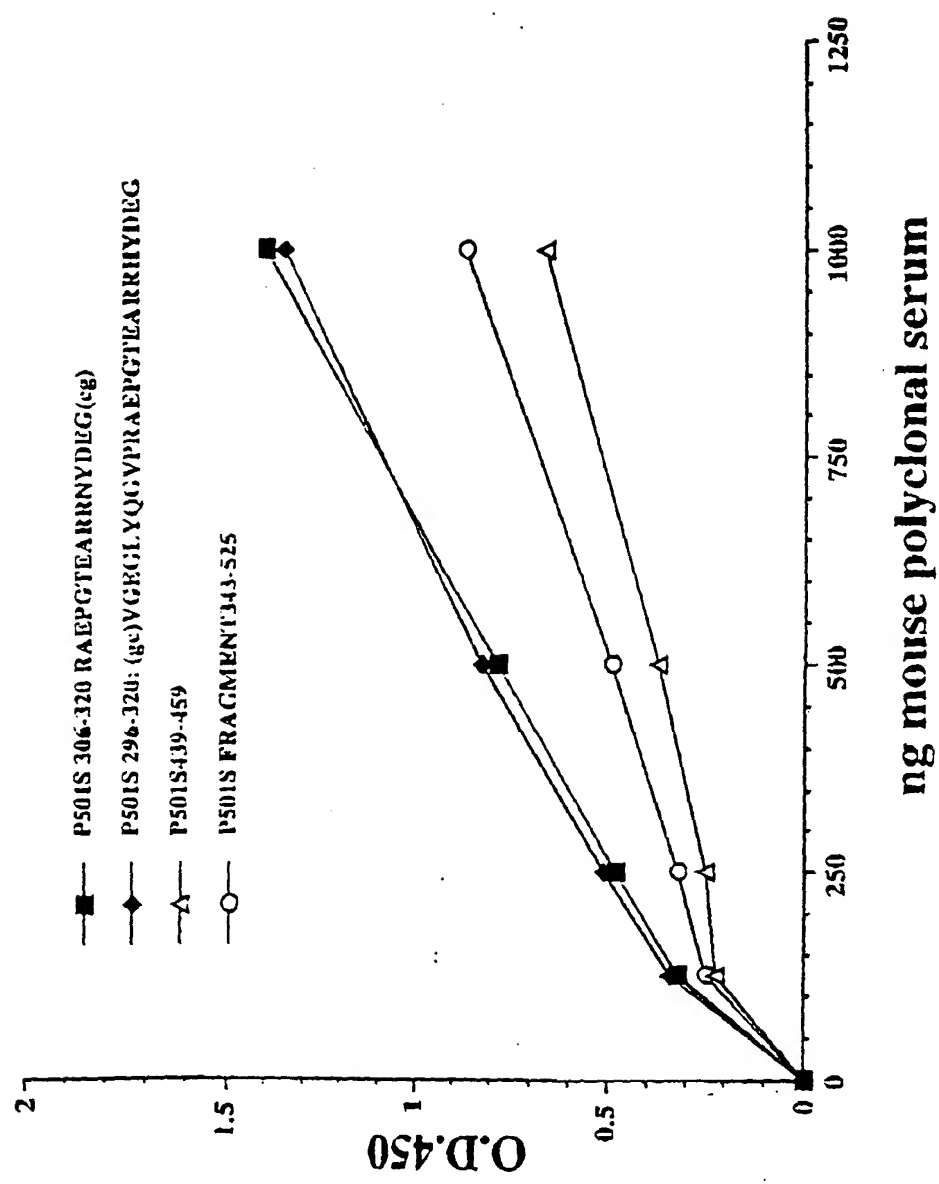


Fig. 11

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